

## ANNUAL REPORT OF OPERATIONS FOR YEAR 2012

## Idaho Aquaculture Permit

| I. Facility Name: Hagerman National Fish Hatchery  |                                     | NPDES # IDG-13-0004  |                               |
|--|-------------------------------------|--|-------------------------------|
| Operator Name (Permittee): U.S. Fish and Wildlife Service  |                                     | Phone: 208-837-4896  |                               |
| Address: 3059-D National Fish Hatchery Road<br>Hagerman, ID 83332  |                                     | Fax: 208-837-6225  |                               |
|  |                                     | E-Mail: bob_turik@fws.gov  |                               |
| Owner Name (if different from operator):<br>n/a  |                                     | Phone:<br>n/a  |                               |
| II. Annual Production:   |                                     | Harvestable weight produced in the year: 339,395 pounds                          |                               |
| III. Food Used:  |                                     | Number of pounds of food fed to the fish during the maximum month: 90,350 pounds |                               |
| IV. Noncompliance Summary:   |                                     |  |                               |
| Include description & dates of noncompliance, the reason for such incident, and the steps taken to correct the problem. Attach additional pages, if necessary. |                                     |  |                               |
| No periods of noncompliance in 2012  |                                     |  |                               |
| V. Best Management Practices (BMP) Plan  |                                     |  |                               |
| BMP Plan has been reviewed this year.  |                                     | Yes X  | No                            |
| BMP Plan fulfills the requirements set forth in the permit:  |                                     | Yes X  | No                            |
| Summarize changes in the BMP Plan since last annual report:  |                                     |  |                               |
| Acting facility manager changed from Bob Turik to facility manager Craig Eaton   |                                     |  |                               |
| VI. Land application of solids and/or irrigation with wastewater   |                                     |  |                               |
| Attach Maps of Application Sites. (Note: IDAPA 58.01.02.650 requires IDEQ approval for solids disposal on land).   |                                     |  |                               |
| Date   | Location and Acreage of Application | Solids Applied in Cubic Yards or Pounds  | Wastewater Applied in Gallons |
| 7/3/2012   | n/a                                 | 21 yd <sup>3</sup> *   | n/a                           |
| 8/2/2012   | n/a                                 | 25 yd <sup>3</sup> *   | n/a                           |
|  |                                     | *Kept on site for composting   |                               |
| Yearly Total   |                                     | 46 yd <sup>3</sup>   |                               |
| VII. Offline Settling Basin Discharge Frequency (generally)  |                                     |  |                               |
| 3  | # hours/day                         | 4  | # days/week                   |
| 12   | # months/year                       | or Other   |                               |

11/28/13/2012/12/12/12

**VIII. Chemical Usage (including pesticides and drugs)**

| Chemical               | Date or # days used | Maximum concentration in effluent (actual or estimated) |
|------------------------|---------------------|---|
| 1.75% Iodine           | 2 days              | n/a   |
| Argentyne              | 22 days             | n/a   |
| Chlorine (6% Bleach)   | 3 days              | n/a   |
| Conductivity Cal Sol   | 12 days             | n/a   |
| Ethyl Alcohol          | 3 days              | n/a   |
| Florfenicol            | 50 days             | 0.86 ppb  |
| Lysol Disinfectant     | 9 days              | n/a   |
| MS 222                 | 24 days             | n/a   |
| pH Calibration Sol     | 4 days              | n/a   |
| Potassium Permanganate | 23 days             | 117 ppb   |
| Sodium Thiosulfate     | 15 days             | n/a   |
| Virkon                 | 21 days             | n/a   |

**IX. Fish Importation, Transport, and Release Permits**

Number of permits issued by Idaho Department of Fish and Game during the year: n/a\*


For which species? \*See IDFG Import/Transport Permit Flow Chart Attachment

**X. Inspections and Repairs for production and wastewater treatment systems**

| Date Inspected | Date Repaired | Description of system inspected and/or repaired                          |
|----------------|---------------|--|
| 5/14/2012      | No Repairs    | Hatchery 1 tanks were visually inspected during screen installation      |
| 5/29/2012      | No Repairs    | Hatchery 2 tanks were visually inspected during screen installation      |
| 8/7/2012       | No Repairs    | SST Raceways were visually inspected during dessication period           |
| 8/7/2012       | No Repairs    | SST Raceway damboards reset on middle and bottom deck                    |
| 8/9/2012       | No Repairs    | SST Raceway top deck damboards replaced wood boards with aluminum boards |
| 8/2/2012       | No Repairs    | Cell 1 of OLSB visually inspected during dessication period              |
| 7/3/2012       | No Repairs    | Cell 2 of OLSB visually inspected during dessication period              |
| 2/22/2012      | No Repairs    | RBT Raceway damboards reset  |
| 2/22/2012      | No Repairs    | RBT Raceways were visually inspected during dessication period           |
| 11/4-5/12      | No Repairs    | RBT Raceways replaced all damboards                                      |

**XI. Signature & Certification**

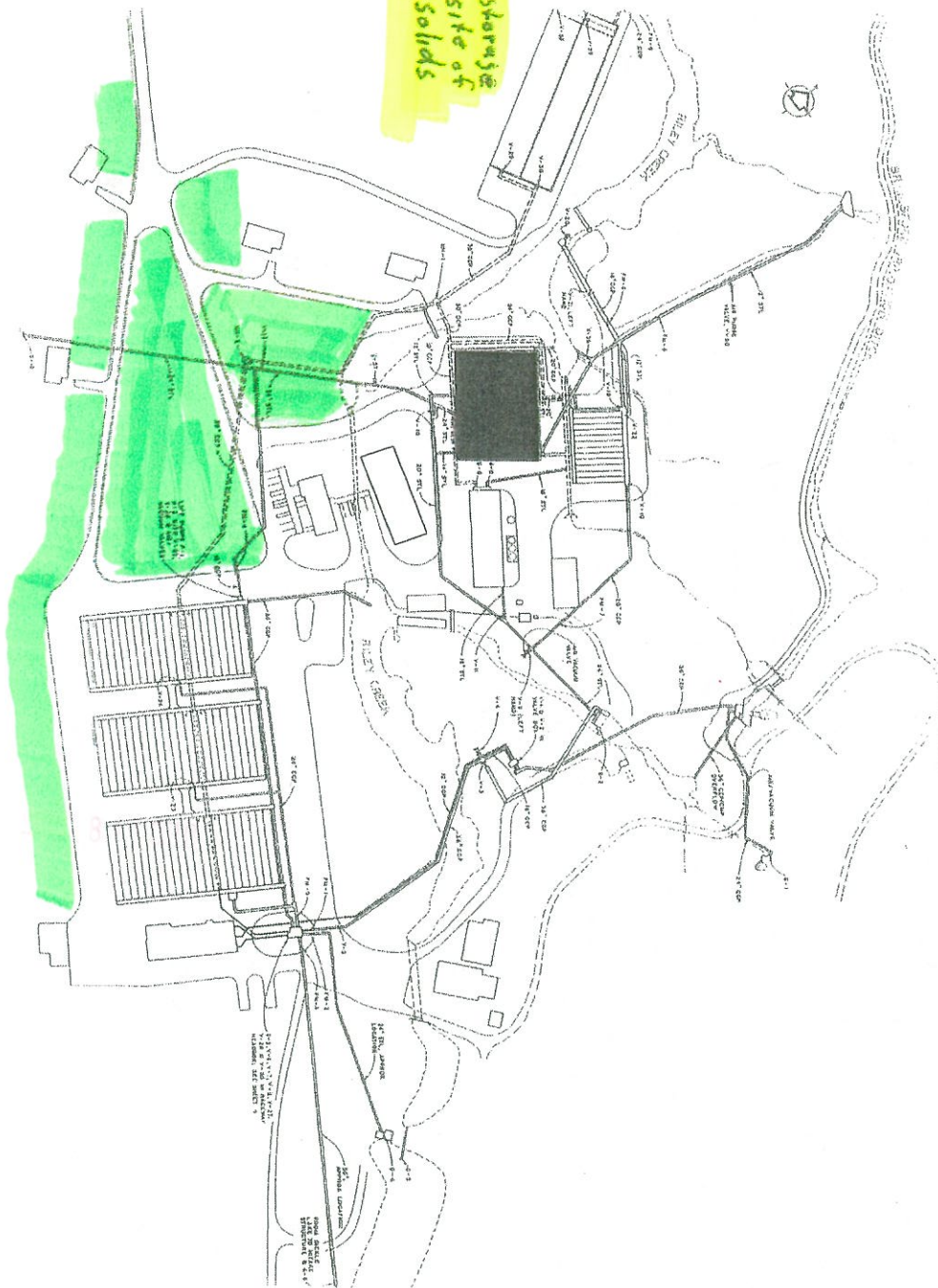
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure the qualified personnel properly gather and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

|  |   |
|--|---|
| Signature:  | Title/Company: Assistant Project Leader/USFWS |
| Print Name: Bob Turik  | Date: 12/17/2012                              |

# DETAILED DIAGRAM OF FISH PRODUCTION AREA OF HAGERMAN NATIONAL FISH HATCHERY

\* Application sites  
of solids

\* Storage  
site of  
solids

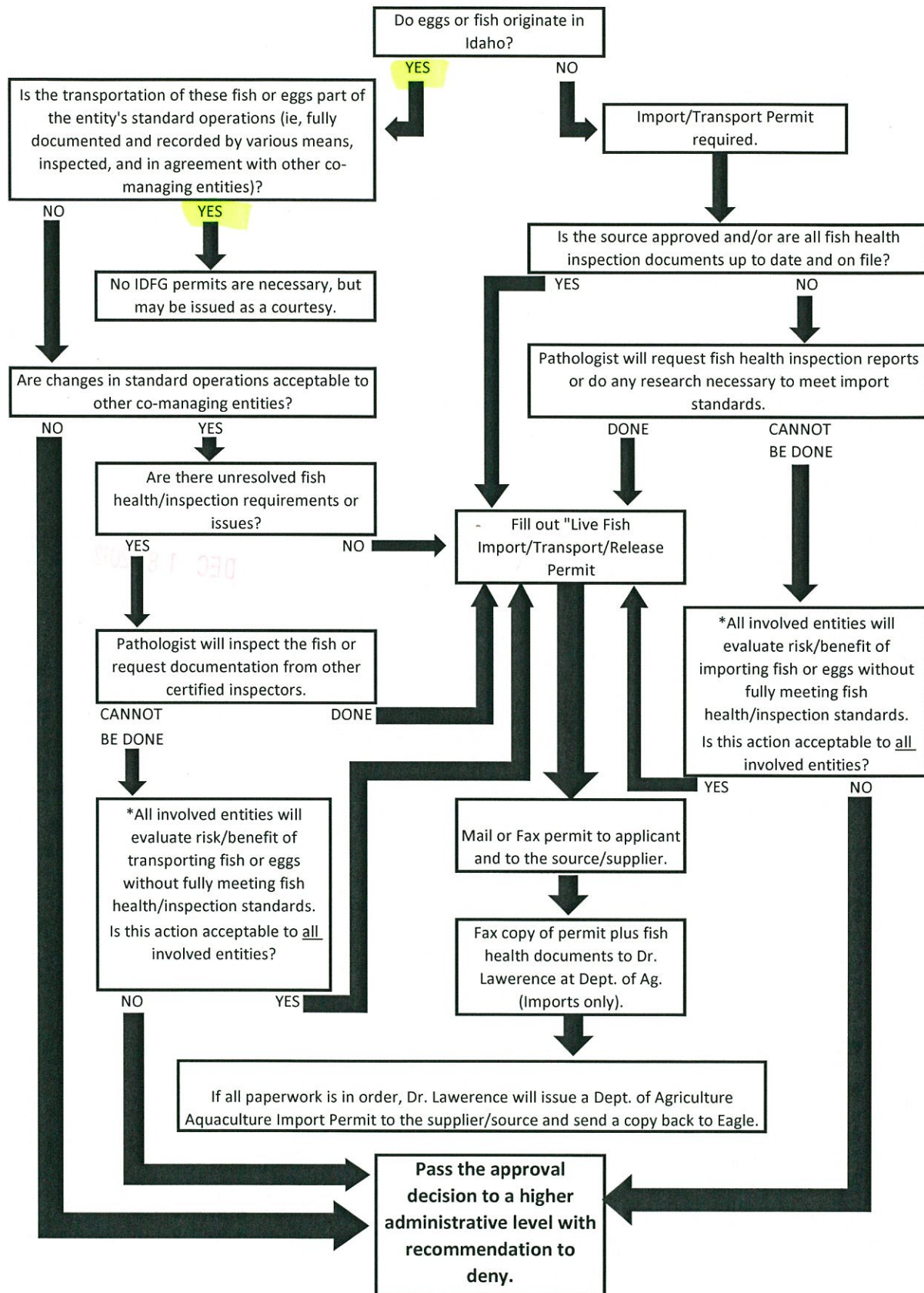


# IMPORT/TRANSPORT PERMIT FLOW CHART (EFHL)

## Co-Managers

Including, but not limited to: Native Tribes, Idaho Power Co., Federal and other government agencies.

This process is usually completed at EFHL without the involvement of the Regions or any fees.



\* This option is available for special circumstances only (e.g. T&E species that can not be sacrificed).